

### **DETAILED ACTION**

1. Claims 1-6, 8-10, 12-18, and 22-29 are allowed. These claims have been renumbered as claims 1-24.
2. Claims 7, 11, and 19-21 have been cancelled.

### ***EXAMINER'S AMENDMENT***

3. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in an interview with Brian Steed on October 22, 2008.

4. Claims 15, 18, and 22-25 have been amended as follows:

15. (Currently Amended) A computer implemented method facilitating page indexing comprising:

retrieving reference information associated with a page from at least one other page, the reference information comprising descriptive information that is in proximity to anchor text associated with a referencing uniform resource locator that references the page;

storing the reference information associated with the page in a data store;

incrementally accumulating the reference information from each other page as each other page is crawled;

merging the page with the reference information;

providing an output comprising the page merged with the reference information associated with the page to at least an index building system; and

deleting the information for a page from the data store when the page cannot be retrieved for a predetermined period of time[;].

18. (Currently Amended) One or more computer readable storage media having stored thereon computer executable instructions for carrying out the method of claim 15.

22. (Currently Amended) One or more computer readable storage media storing computer executable components of a crawler comprising:

an input component that receives one or more pages;

a parser component that parses the one or more pages for another page referenced on the one or more pages, incrementally accumulates reference information associated with the another page from each of the one or more pages when crawled, and stores such reference information in a page data store, the reference information comprising descriptive information that is in proximity to anchor text associated with a referencing uniform resource locator that references the another page, wherein failure to receive the one or more pages after a first predetermined period of time causes the

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URL for the one or more pages to be removed from the page data store after a second period of time;

a retrieval component that receives the another page and retrieves the reference information associated with the another page from the page data store; and

an output component that provides an output, comprising the another page merged with the reference information associated with the another page, to at least an index building system.

23. (Currently Amended) The storage media of claim 22, the page data store storing a uniform resource locator that identifies the another page, the uniform resource locator further being employed to identify the reference information associated with the another page.

24. (Currently Amended) The storage media of claim 22, the reference information further comprising anchor text.

25. (Currently Amended) The storage media of claim 22, the reference information comprising at least one of a sentence fragment, a sentence or a paragraph, or a combination thereof, in proximity to the anchor text.

### **REASONS FOR ALLOWANCE**

5. The following is a statement of reasons for the indication of allowable subject matter:

The prior art of record does not render obvious to one ordinarily skilled in the art at the time of applicant's invention nor anticipate the combination of claimed elements including "a crawler component that receives the page, retrieves the reference information associated with the page from the page data store, and provides the page and the reference information to at least an index building component; wherein failure to receive a requested page after a first predetermined period of time causes the URL for the page to be removed from the page data store after a second predetermined period of time" as recited in independent claim 1 and similarly recited in independent claims 8 and 22.

As per claim 15, the prior art of record does not render obvious to one ordinarily skilled in the art at the time of applicant's invention nor anticipate the combination of claimed elements including "deleting the information for a page from the data store when the page cannot be retrieved for a predetermined period of time" and similarly recited in independent claim 26.

The remaining claims, 2-6, 9, 10, 12-14, 16-18, 23-25, and 27-29, are dependent claims, thus these claims are patently distinct over the art of record for at least the above reasons.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably

accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

***Name Of Contact***

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Cheryl Lewis whose telephone number is (571) 272-4113. The examiner can normally be reached on 6:30-3:00. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Cottingham can be reached on (571) 272-7079. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300.

(571) 273-4113 (Use this FAX #, only after approval by Examiner, for "INFORMAL" or "DRAFT" communication. Examiners may request that a formal paper/amendment be faxed directly to them on occasions.).

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist/ Technology Center (571) 272-2100.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Cheryl Lewis/  
Primary Examiner, Art Unit 2167  
October 24, 2008